Quantitation Report (Qedit)

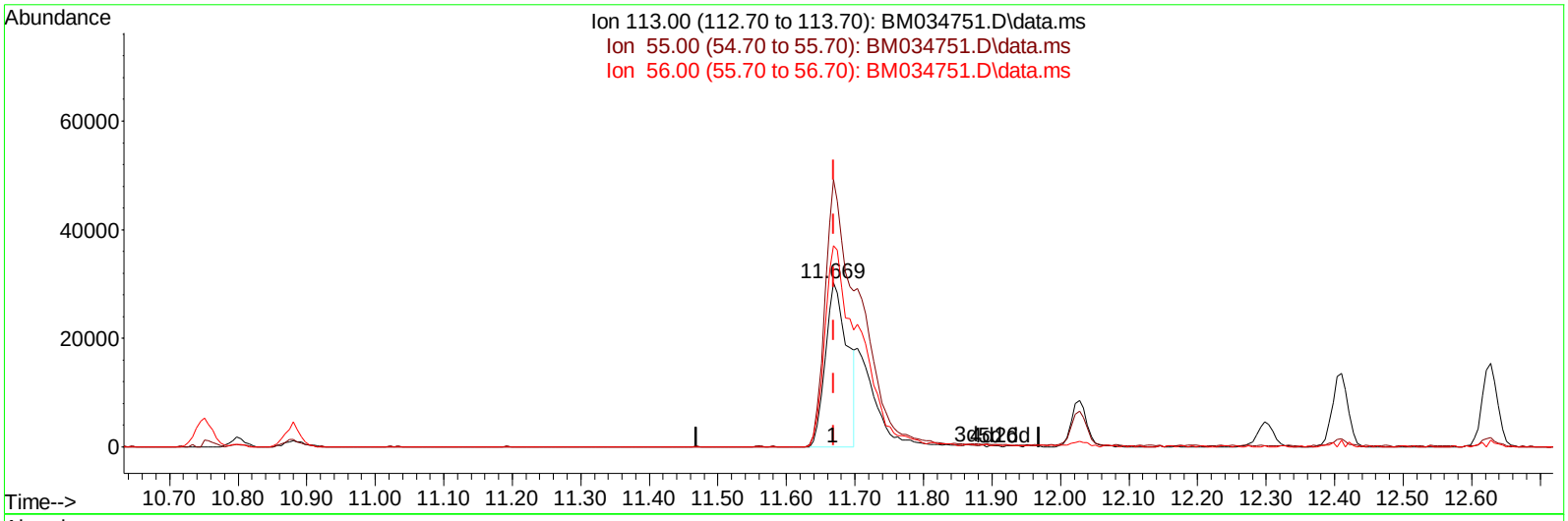
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042122\
Data File : BM034751.D
Acq On : 21 Apr 2022 17:30
Operator : CG/JU
Sample : PB144243BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

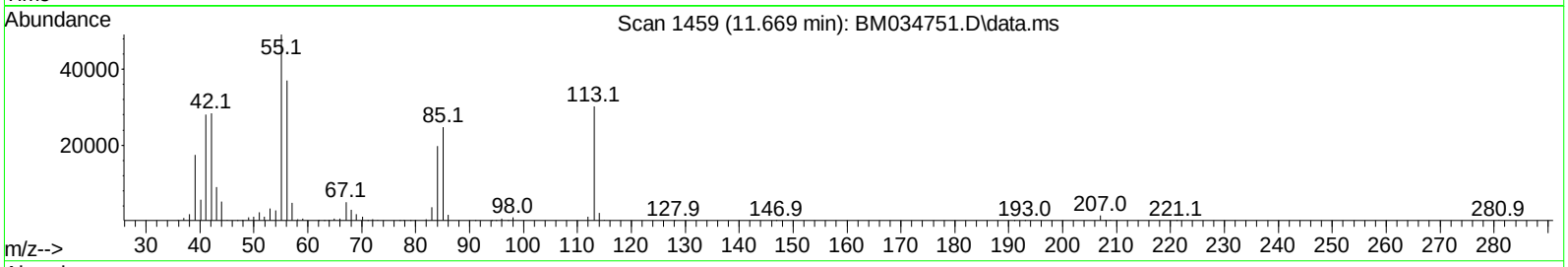
Quant Time: Apr 22 01:34:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM042122.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 21 05:03:15 2022
Response via : Initial Calibration

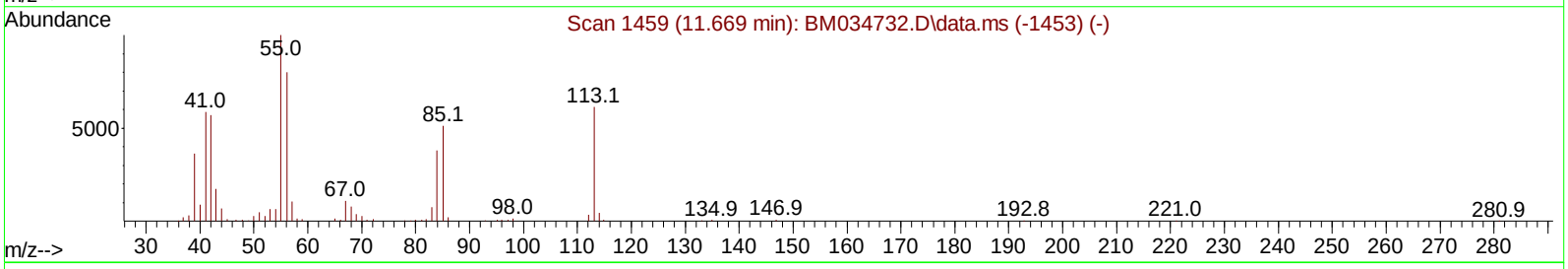
Instrument :
BNA_M
ClientSampleId :
SLCS243

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/22/2022
Supervised By :mohammad ahmed 04/26/2022







TIC: BM034751.D\data.ms

(34) Caprolactam

11.669min (-0.000) 22.92 ng/ul

response 67942

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.20	162.79
56.00	130.40	122.59
0.00	0.00	0.00

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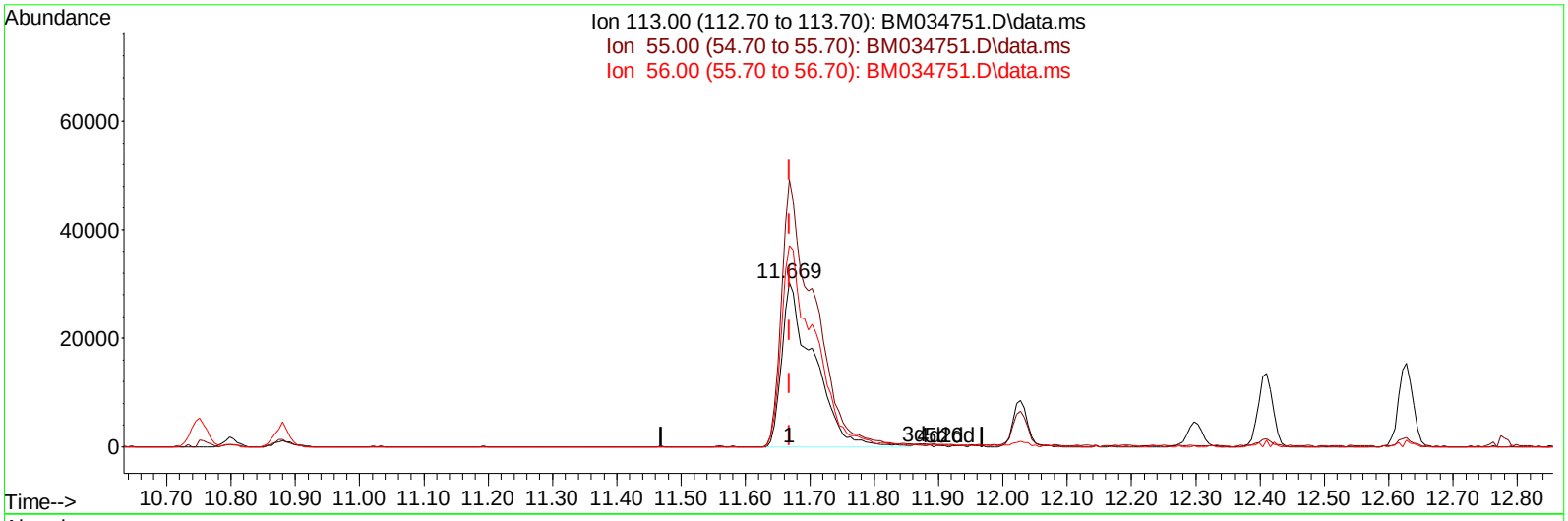

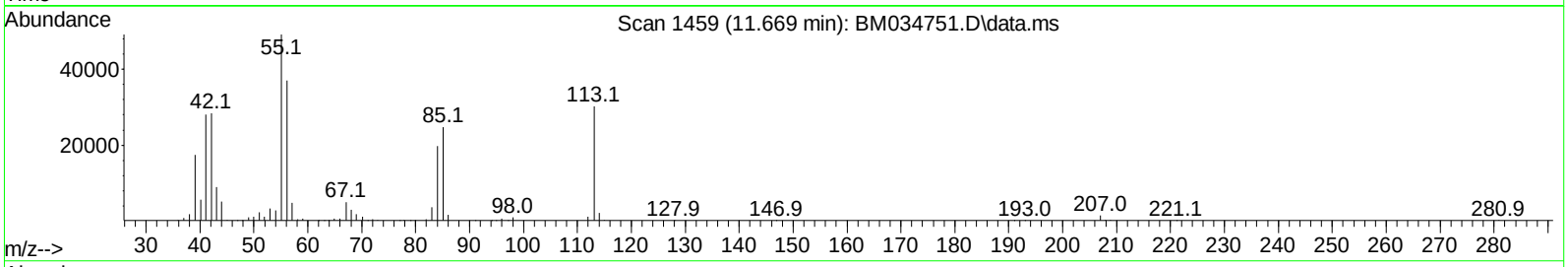

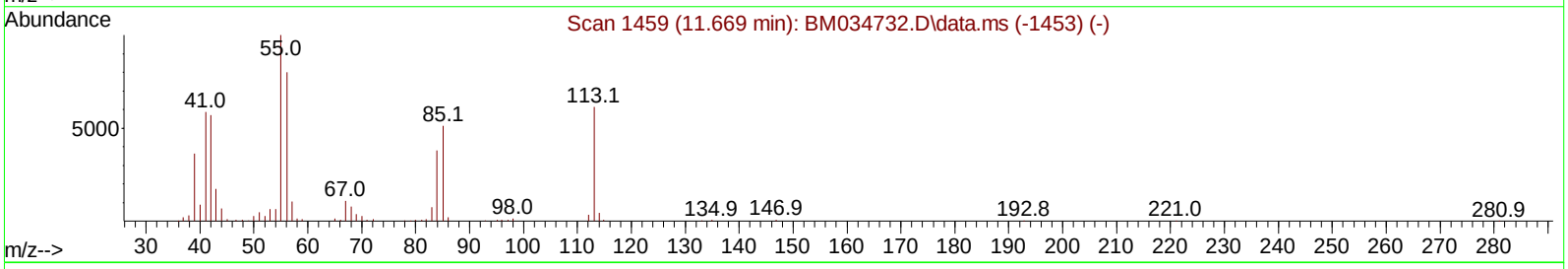

TIC: BM034751.D\data.ms

(34) Caprolactam

11.669min (-0.000) 35.14 ng/ul m

response 104171

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.20	162.79
56.00	130.40	122.59
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	191037	20.000	ng/ul	0.00
20) Naphthalene-d8	10.751	136	762957	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.580	164	397305	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.315	188	842805	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.491	240	943988	20.000	ng/ul	# 0.00
88) Perylene-d12	23.891	264	962867	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	30058	6.914	ng/uL	0.00
4) Pyridine-d5	3.793	84	381874	35.385	ng/ul	0.00
7) Phenol-d5	7.104	99	479228	33.213	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	299897	37.062	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	428275	35.070	ng/ul	0.00
15) 4-Methylphenol-d8	8.651	113	397149	34.401	ng/ul	0.00
21) Nitrobenzene-d5	9.104	128	196891	35.327	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	205790	35.563	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	402458	33.017	ng/ul	0.00
31) 4-Chloroaniline-d4	10.880	131	524201	31.805	ng/ul	0.00
46) Dimethylphthalate-d6	13.992	166	1163312	40.220	ng/ul	0.00
49) Acenaphthylene-d8	14.268	160	1426668	38.354	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	172950	35.620	ng/ul	0.00
60) Fluorene-d10	15.568	176	908947	36.318	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.680	200	177473	36.703	ng/ul	0.00
73) Anthracene-d10	17.415	188	1401563	34.151	ng/ul	0.00
81) Pyrene-d10	19.703	212	1705071	33.188	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.738	264	1780025	36.552	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.416	88	59307	13.958	ng/uL	97
5) Pyridine	3.810	79	399639	35.302	ng/ul	98
6) Benzaldehyde	7.081	77	297836	39.063	ng/ul	96
8) Phenol	7.134	94	498586	35.114	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.369	93	386092	35.229	ng/ul	98
12) 2-Chlorophenol	7.510	128	427517	34.587	ng/ul	98
13) 2-Methylphenol	8.386	108	374602	34.796	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.481	45	558538	37.876	ng/ul	100
16) Acetophenone	8.769	105	604181	34.159	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.763	70	301426	35.528	ng/ul	98
18) 4-Methylphenol	8.716	108	399764	34.324	ng/ul	99
19) Hexachloroethane	9.033	117	179410	34.644	ng/ul	98
22) Nitrobenzene	9.145	77	452300	35.947	ng/ul	100
23) Isophorone	9.680	82	799265	34.645	ng/ul	100
25) 2-Nitrophenol	9.857	139	228712	35.995	ng/ul	95
26) 2,4-Dimethylphenol	9.922	107	434609	32.500	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.163	93	497091	34.374	ng/ul	99
29) 2,4-Dichlorophenol	10.392	162	396745	33.368	ng/ul	98
30) Naphthalene	10.798	128	1322479	33.921	ng/ul	100
32) 4-Chloroaniline	10.904	127	520360	31.805	ng/ul	97
33) Hexachlorobutadiene	11.098	225	266856	31.062	ng/ul	99
34) Caprolactam	11.669	113	104171m	35.142	ng/ul	
35) 4-Chloro-3-methylphenol	12.027	107	390434	34.655	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.410	142	890617	32.962	ng/ul	100
37) 1-Methylnaphthalene	12.627	142	910478	33.486	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.780	216	466693	36.890	ng/ul	97
40) Hexachlorocyclopentadiene	12.763	237	283652	30.971	ng/ul	100
41) 2,4,6-Trichlorophenol	13.016	196	300060	39.433	ng/ul	98
42) 2,4,5-Trichlorophenol	13.080	196	324125	39.814	ng/ul	100
43) 1,1'-Biphenyl	13.416	154	1211651	39.455	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	937195	39.186	ng/ul	100
45) 2-Nitroaniline	13.651	65	240188	46.581	ng/ul	99
47) Dimethylphthalate	14.039	163	1137271	40.162	ng/ul	98
48) 2,6-Dinitrotoluene	14.145	165	226910	44.458	ng/ul	96
50) Acenaphthylene	14.298	152	1487095	40.088	ng/ul	99
51) 3-Nitroaniline	14.468	138	219052	48.318	ng/ul	95
52) Acenaphthene	14.639	153	836285	34.208	ng/ul	98
53) 2,4-Dinitrophenol	14.674	184	111019	37.328	ng/ul#	83
55) 4-Nitrophenol	14.774	109	129887	33.708	ng/ul	91
56) Dibenzofuran	14.974	168	1235931	35.536	ng/ul	97
57) 2,4-Dinitrotoluene	14.933	165	292237	40.769	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.198	232	284975	44.003	ng/ul#	85
59) Diethylphthalate	15.404	149	955677	34.427	ng/ul	97
61) Fluorene	15.621	166	1003424	35.843	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.621	204	557940	38.752	ng/ul	91
63) 4-Nitroaniline	15.633	138	191943	48.261	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.692	198	177520	36.601	ng/ul#	84
67) N-Nitrosodiphenylamine	15.827	169	862530	33.271	ng/ul	99
68) 4-Bromophenyl-phenylether	16.509	248	349634	37.734	ng/ul	92
69) Hexachlorobenzene	16.627	284	415286	39.224	ng/ul#	89
70) Atrazine	16.780	200	336992	35.344	ng/ul	96
71) Pentachlorophenol	16.968	266	257292	37.426	ng/ul	99
72) Phenanthrene	17.362	178	1601810	34.563	ng/ul	100
74) Anthracene	17.451	178	1608647	34.137	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.380	216	480438	33.857	ng/uL	99
76) Pentachlorobenzene	14.898	250	490735	37.517	ng/uL	98
77) Carbazole	17.715	167	1392296	33.812	ng/ul	98
78) Di-n-butylphthalate	18.298	149	1551586	33.011	ng/ul	99
80) Fluoranthene	19.374	202	1955049	32.546	ng/ul#	94
82) Pyrene	19.733	202	2025977	32.747	ng/ul#	93
83) Butylbenzylphthalate	20.639	149	664271	30.635	ng/ul#	86
84) 3,3'-Dichlorobenzidine	21.409	252	641522	33.126	ng/ul#	98
85) Benzo(a)anthracene	21.480	228	2026729	34.530	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.421	149	1028594	29.920	ng/ul#	96
87) Chrysene	21.533	228	1993303	34.538	ng/ul	99
89) Di-n-octyl phthalate	22.350	149	1665294	30.510	ng/ul	100
90) Benzo(b)fluoranthene	23.162	252	2134446	36.268	ng/ul	97
91) Benzo(k)fluoranthene	23.215	252	2094032	37.479	ng/ul#	98
93) Benzo(a)pyrene	23.785	252	2116852	35.881	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.379	276	2469727	34.687	ng/ul	98
95) Dibenzo(a,h)anthracene	26.403	278	2146576	34.866	ng/ul	99
96) Benzo(g,h,i)perylene	27.144	276	2113005	35.098	ng/ul	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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